

DERWENT-ACC-NO: 2002-683468

DERWENT-WEEK: 200274

COPYRIGHT 2006 DERWENT INFORMATION LTD

TITLE: Bearing arrangement for a caster bracket, in particular,
of a wheelchair comprises two ball bearings and an
adjustable friction unit located between the bearings

INVENTOR: JASNY, T

PATENT-ASSIGNEE: ROLLI MOBIL GMBH[ROLLN]

PRIORITY-DATA: 2001DE-1006688 (February 14, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
DE 10106688 A1	<u>September 26, 2002</u>	N/A	006	B62B 005/04

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
DE 10106688A1	N/A	2001DE-1006688	February 14, 2001

INT-CL (IPC): A47B031/00, A61G005/10, A61G007/05, A61G012/00,
B62B005/04

ABSTRACTED-PUB-NO: DE 10106688A

BASIC-ABSTRACT:

NOVELTY - The bearing arrangement for a caster bracket, in particular, of a
wheelchair comprises two ball bearings (10, 11) and a friction unit (1) which
is located between the bearings, and serves for producing an adjustable braking
force acting against rotation of the bracket pin (6) in the caster sleeve (5).

USE - In particular, for caster brackets of wheelchairs.

ADVANTAGE - The caster bracket is installable without play, and damping of its
rotatory motion is adjustable within a broad range. As a result, flutter of
the caster wheels is largely eliminated.

DESCRIPTION OF DRAWING(S) - The drawing shows the proposed bearing arrangement.

Friction unit 1

Disk 2, 3, 8, 9

Rubber sleeve 4

Caster sleeve 5

Bracket pin 6

Adjustment nut 7

Ball bearings 10, 11

Support sleeve 2

CHOSEN-DRAWING: Dwg.1/2

**TITLE-TERMS: BEARING ARRANGE CASTER BRACKET WHEELCHAIR COMPRISE TWO BALL
BEARING ADJUST FRICTION UNIT LOCATE BEARING**

DERWENT-CLASS: A88 P25 P33 Q22

CPI-CODES: A99-A;

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C2002-193066

Non-CPI Secondary Accession Numbers: N2002-539520

